

E48

(19)



JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 11316763 A

(43) Date of publication of application: 16.11.99

(51) Int. Cl.

G06F 17/30  
G06F 17/21

(21) Application number: 10122589

(71) Applicant: MITSUBISHI ELECTRIC CORP

(22) Date of filing: 01.05.88

(72) Inventor: ABE KAZUHIRO

(54) DEVICE AND METHOD FOR CLASSIFYING  
DOCUMENT, AND STORAGE MEDIUM

similarity of the feature word list.

COPYRIGHT: (C)1999,JPO

(57) Abstract

**PROBLEM TO BE SOLVED:** To provide the device and method for document classification which can classify a document into the same cluster on condition that a user's classification viewpoint corresponds to the same topic even if representative words and phrases constituting the document are not similar.

**SOLUTION:** A document classification rule is extracted from a set of documents that the user considers to contain the same topic and while matching words and phrases are retrieved by comparing a word or phrase included in a conjunct constituting the document classification rule is compared with words and phrases in a feature word list as an array of representative words and phrases constituting the document, a word list modifying device 16 perform modification by adding a word or phrase included in each conjunct constituting the document classification rule when the rate of matching words and phrases among the words and phrases in the feature word list exceeds a prescribed value to classify the object document according to the

